

## FORTHCOMING PUBLICATIONS (A)

JANUARY 2003, Vol 77, No. 1

### Review

MgB<sub>2</sub> superconductor : A current review

S MOLLAH, H D YANG AND B K CHAUDHURI

### Condensed Matter & Materials Physics

GA based parameter optimizations for better millimeter and sub-millimeter wave response characteristics of GaAs quantum wells

SUBIR KUMAR SARKAR

Threshold switching effects in amorphous CuInSeS thin films

L I SOLIMAN

Growth of praseodymium samarium hydrogen selenite mixed crystals and their characterisation

P P PRADYUMNAN AND M A ITTYACHEN

Micro hardness studies on pure and doped brushite crystals

ISSAC PAUL, CYRIAC JOSEPH, M A ITTYACHEN, P A VARGHESE, JACOB GEORGE  
AND GEORGE VARGHESE

### Nuclear Physics

Flyash : A radiation shielding material

KARAMJIT SINGH, CHARANJEET SINGH, G S SINDHU, JARNAIL SINGH,  
PARJIT S SINGH AND GURMEL S MUDAHAR

### Statistical Physics

Comparative study of mixed product and quaternion product

MD SHAH ALAM

### Notes

Application of MCNP code to shielding analysis for single and multilayers of polyethylene and lead

S M AZHARUL ISLAM AND HAMED AL-SEWAIDAN

A study of absolute hardness of some organic molecule solids

NIMISHA VAIDYA AND B S SHAH

Absolute hardness of phenanthrene doped anthracene single crystals by Knoop indentation technique

NIMISHA VAIDYA AND B S SHAH

[ Cont'd. on next page ]

**Fragmentation in  $S^{32}$ -AgBr interaction at 200 GeV/n—evaporation model revisited****DIPAK GHOSH, ARGHA DEB, PRABIR KUMAR HALDER****AND SWARUP RANJAN SAHOO**